

213IHSSF2014



DocumentID NONCD0002814

Site Name HANCOCK COUNTRY HAMS

DocumentType Site Assessment Rpt (SAR)

RptSegment 2

DocDate 11/25/2009

DocRcvd 12/4/2009

Box SF2014

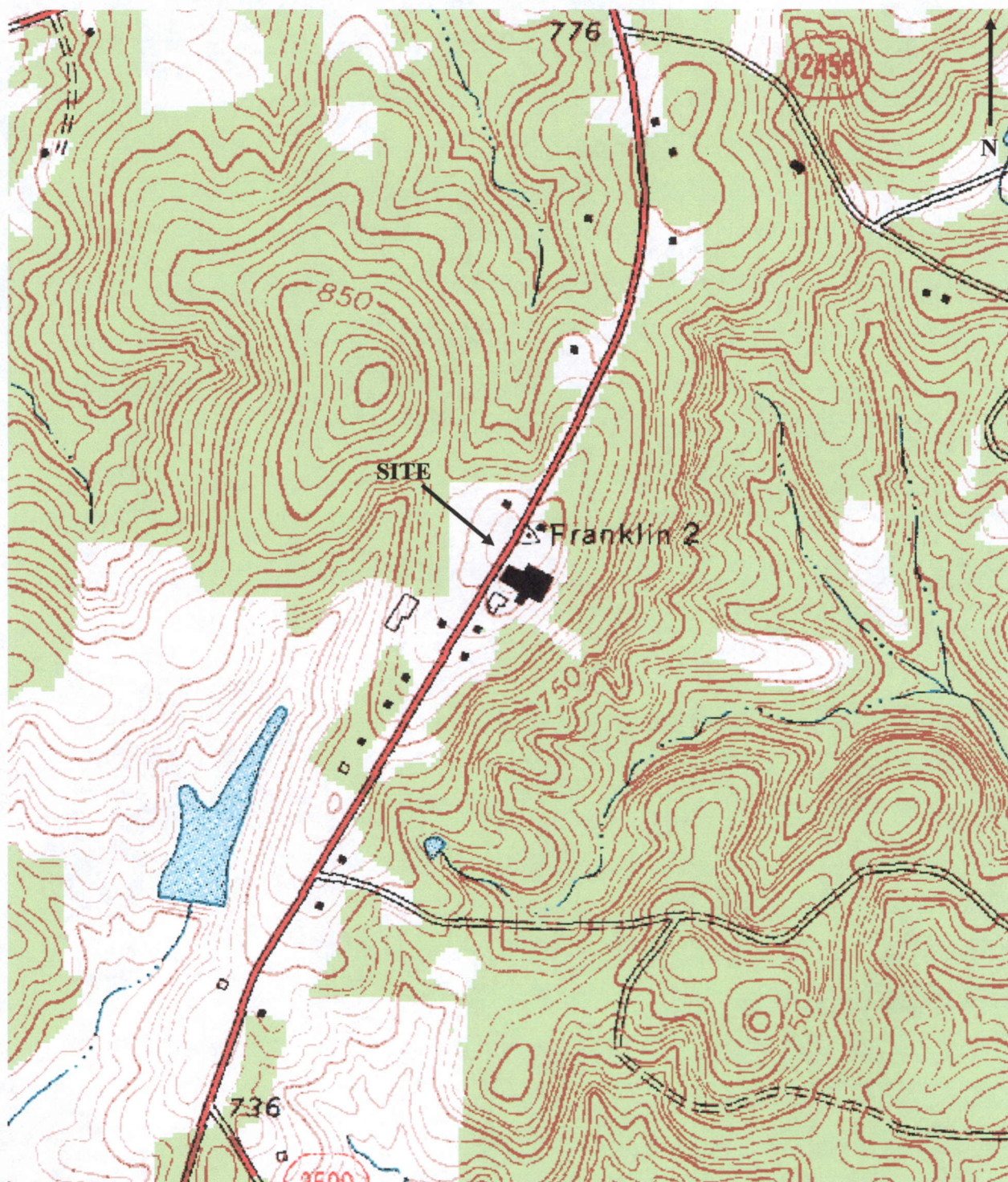
AccessLevel Public

Division Waste Management

Section Superfund

Program IHS (IHS)

DocCat Facility



Environmental Alliance, Inc.
10993 South Richardson Road, Suite 17
Ashland, Virginia 23005

SCALE:
1"=400'

DATE:
1/15/09

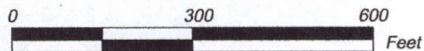
APPROVED
BY: JSE

SOURCE: 1974 USGS TOPOGRAPHIC MAP, GRAYS
CHAPEL QUADRANGLE

HANCOCK COUNTRY HAMS
3484 NC HIGHWAY 22
FRANKLINVILLE, NORTH CAROLINA
TRIGON PROJECT NO. 99197

SITE LOCATION MAP

FIGURE
1



Source: Trigon Engineering, Inc., 2008

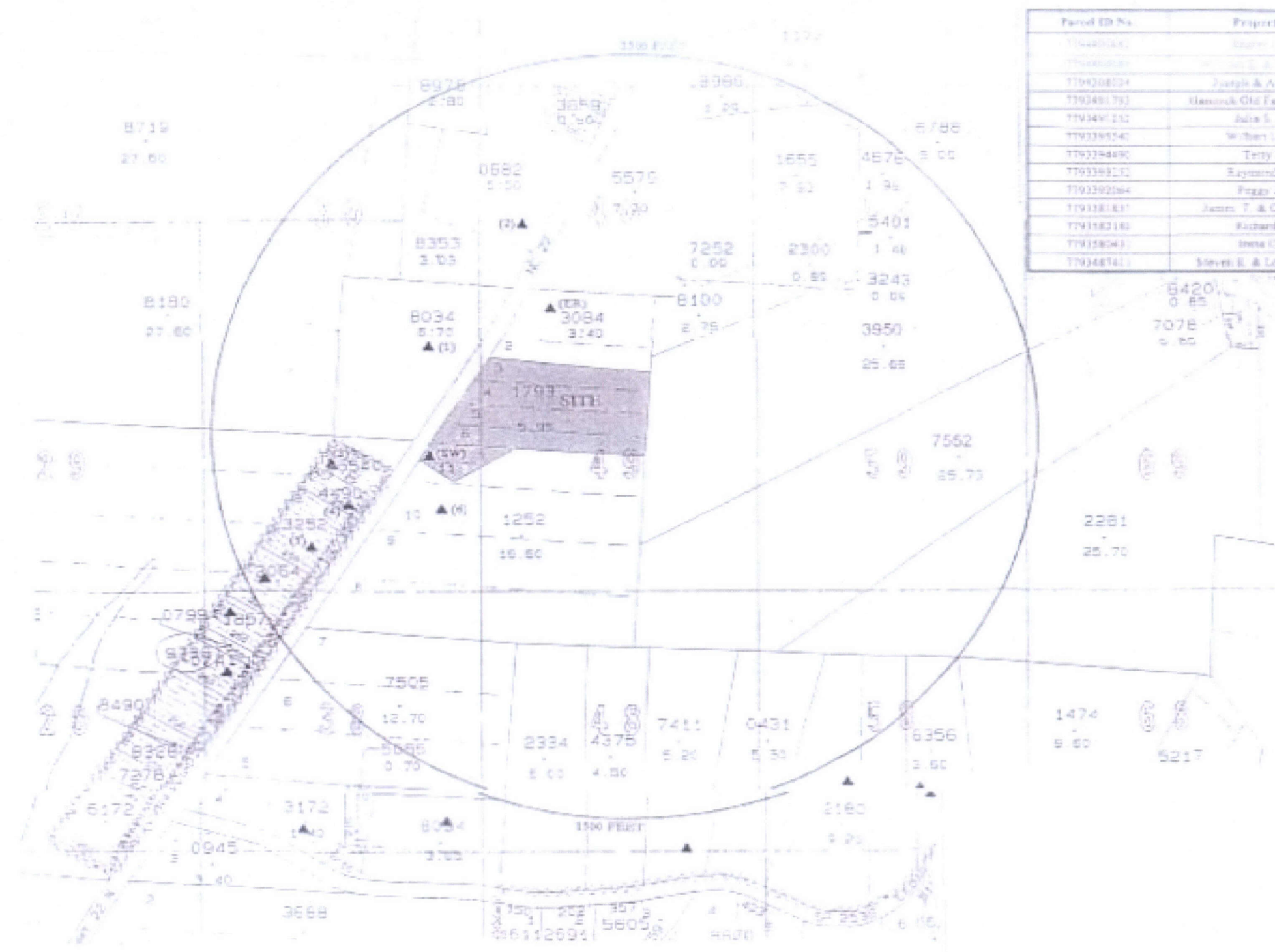


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 Phone: (804) 752-3558 - Fax: (804) 752-3559

**HANCOCK COUNTRY HAMS
 FRANKLINVILLE, NORTH CAROLINA**

SITE MAP

DESIGNED BY: —	DRAWN BY: AGG	UPDATED BY: —	FIGURE NO: 2
APPROVED BY: JSE	PROJECT NO: 2719	DATE: 5/20/2009	



Parcel ID No.	Property Owner	Property Address
779440100	James J. Norman	1071 NW Hwy 22 N, Franklinville, NC 27248
779440101	James J. Norman	1071 NW Hwy 22 N, Franklinville, NC 27248
779440102	Joseph & Ann Lee	1071 NW Hwy 22 N, Franklinville, NC 27248
779440103	Hancock Ctry Farms CTRV LLC	1071 NW Hwy 22 N, Franklinville, NC 27248
779440104	John S. Hancock	1071 NW Hwy 22 N, Franklinville, NC 27248
779440105	William L. Hancock	1071 NW Hwy 22 N, Franklinville, NC 27248
779440106	Terry Wesley	1071 NW Hwy 22 N, Franklinville, NC 27248
779440107	Raymond J. Jester, Jr.	1071 NW Hwy 22 N, Franklinville, NC 27248
779440108	Peggy J. Brown	1071 NW Hwy 22 N, Franklinville, NC 27248
779440109	James T. & Charlotte Evers	1071 NW Hwy 22 N, Franklinville, NC 27248
779440110	Richard Wallace	1071 NW Hwy 22 N, Franklinville, NC 27248
779440111	James C. Garrett	1071 NW Hwy 22 N, Franklinville, NC 27248
779440112	Steven E. & Lorena Thompson	1071 NW Hwy 22 N, Franklinville, NC 27248

EXPLANATION:

- ▲ WATER SUPPLY WELL
- (1) SAMPLE IDENTIFICATION NUMBER
- 6 LOT IDENTIFICATION NUMBER

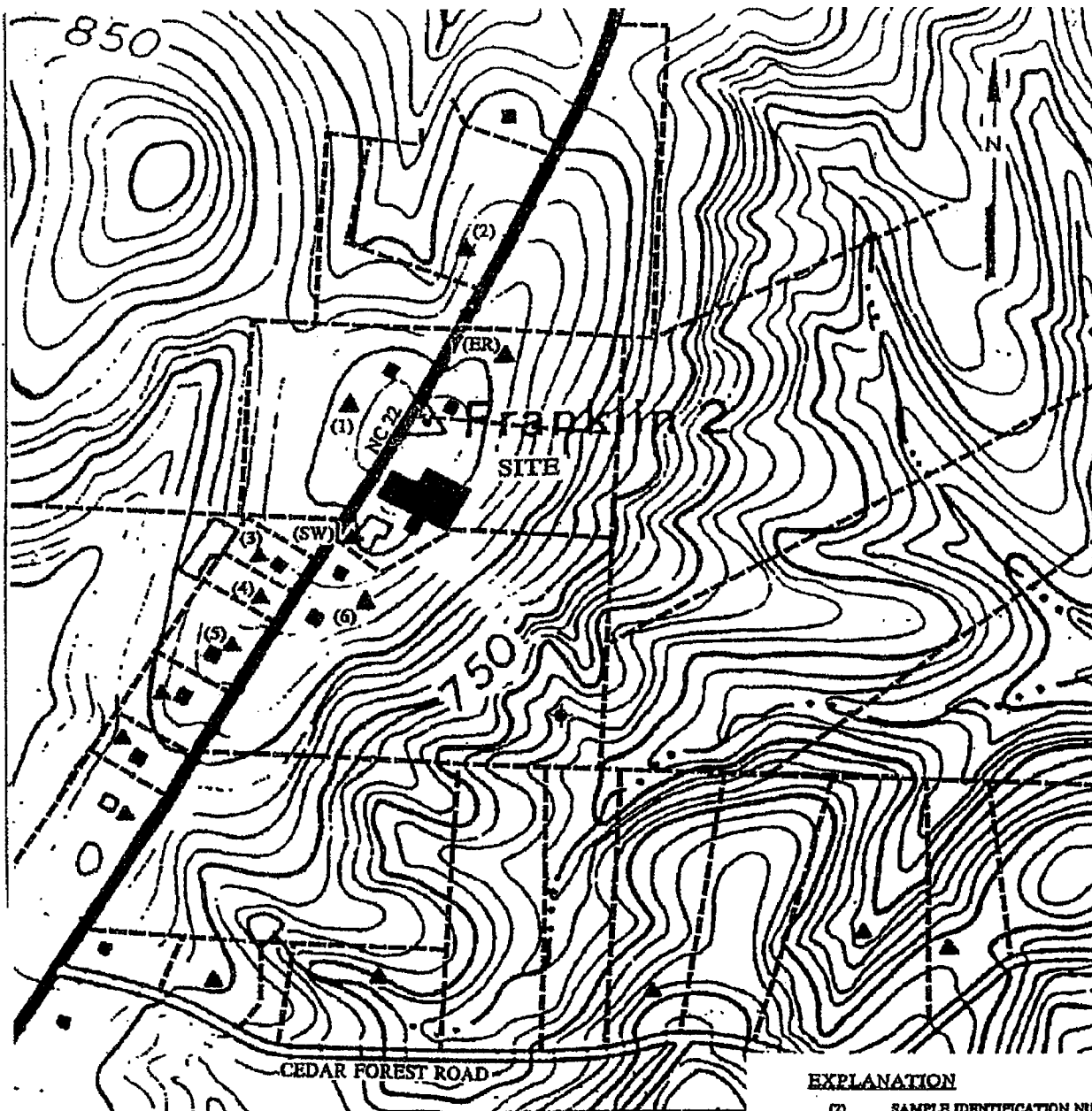
NOTE: WATER SUPPLY WELL LOCATIONS ARE APPROXIMATE.

FIGURE FROM RANDOLPH COUNTY, NORTH CAROLINA 1996 PROPERTY MAP, SHEETS 7793 AND 7794



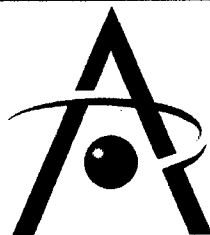
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SCALE: 1" = 400'	DATE: 1/15/09	APPROVED BY: JSE	SOURCE: BPA ENVIRONMENTAL & ENGINEERING, INC. MARCH 23, 1998 REPORT
HANCOCK COUNTRY HAMS FRANKLINVILLE, NORTH CAROLINA TRIGON PROJECT NO. 99197			
WATER SUPPLY WELLS WITHIN 1500 FEET OF THE SITE			FIGURE 3



EXPLANATION

- (2) SAMPLE IDENTIFICATION NUMBER
- ▲ DOMESTIC WATER SUPPLY WELL
- - - - - APPROXIMATE PROPERTY BOUNDARY
- 750 - TOPOGRAPHIC CONTOUR LINE
- - - - - STREAM
- ✦ MONITORING WELL



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1" = 500

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CHAPEL QUADRANGLE

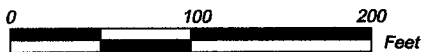
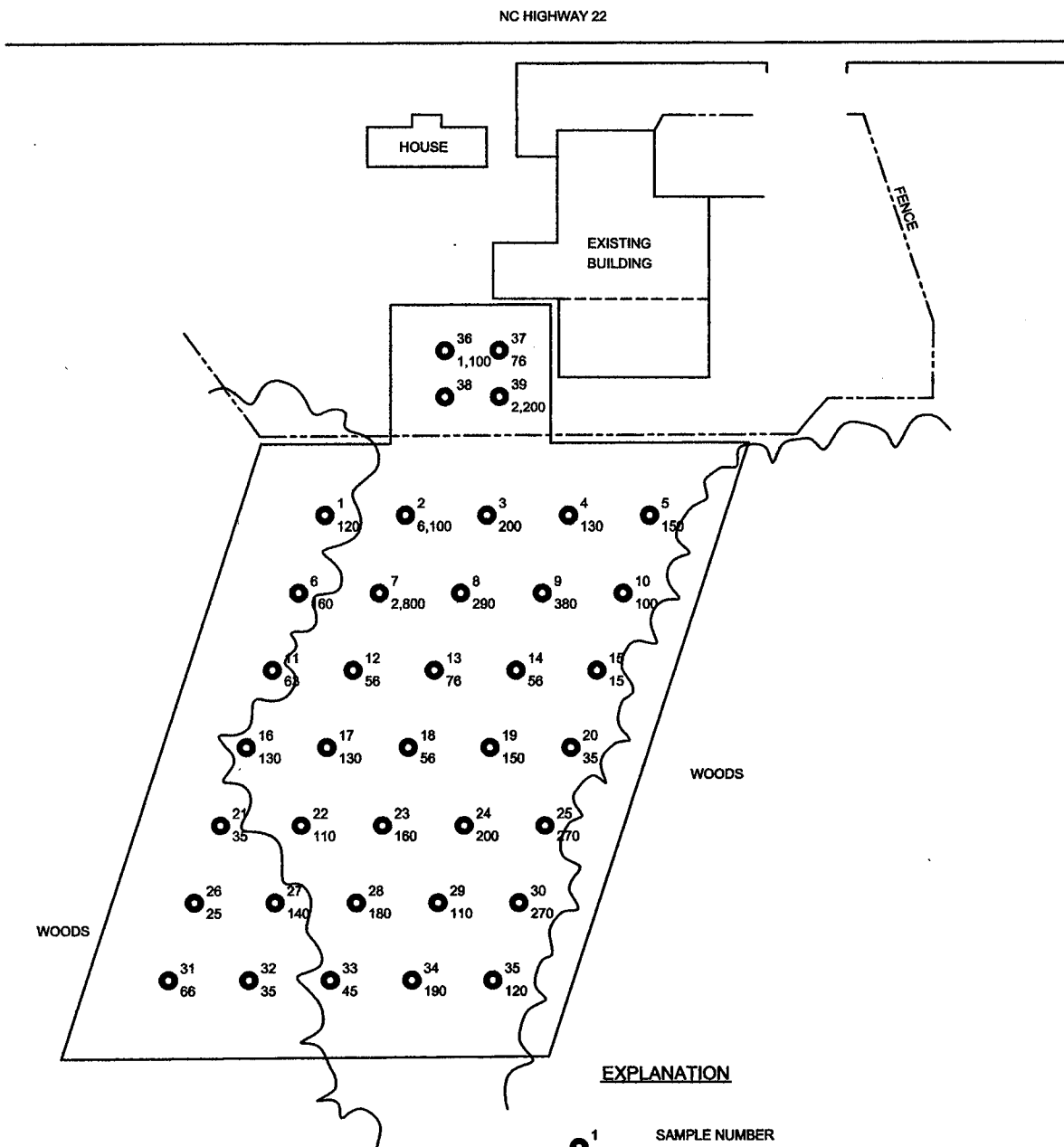
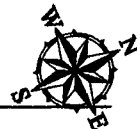
HANCOCK COUNTRY HAMS
3484 NC HIGHWAY 22
FRANKLINVILLE, NORTH CAROLINA
TRIGON PROJECT NO. 99197

Topographic Relationship of Water Well to the Site

FIGURE
4

5/20/2009 10:43 AM

V:\Projects\2719 Smithfield-Hancock.dwg Alliance drawings\Soil Chloride_90.dwg



Source: Trigon Engineering, Inc., 2008

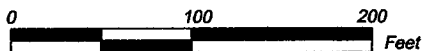
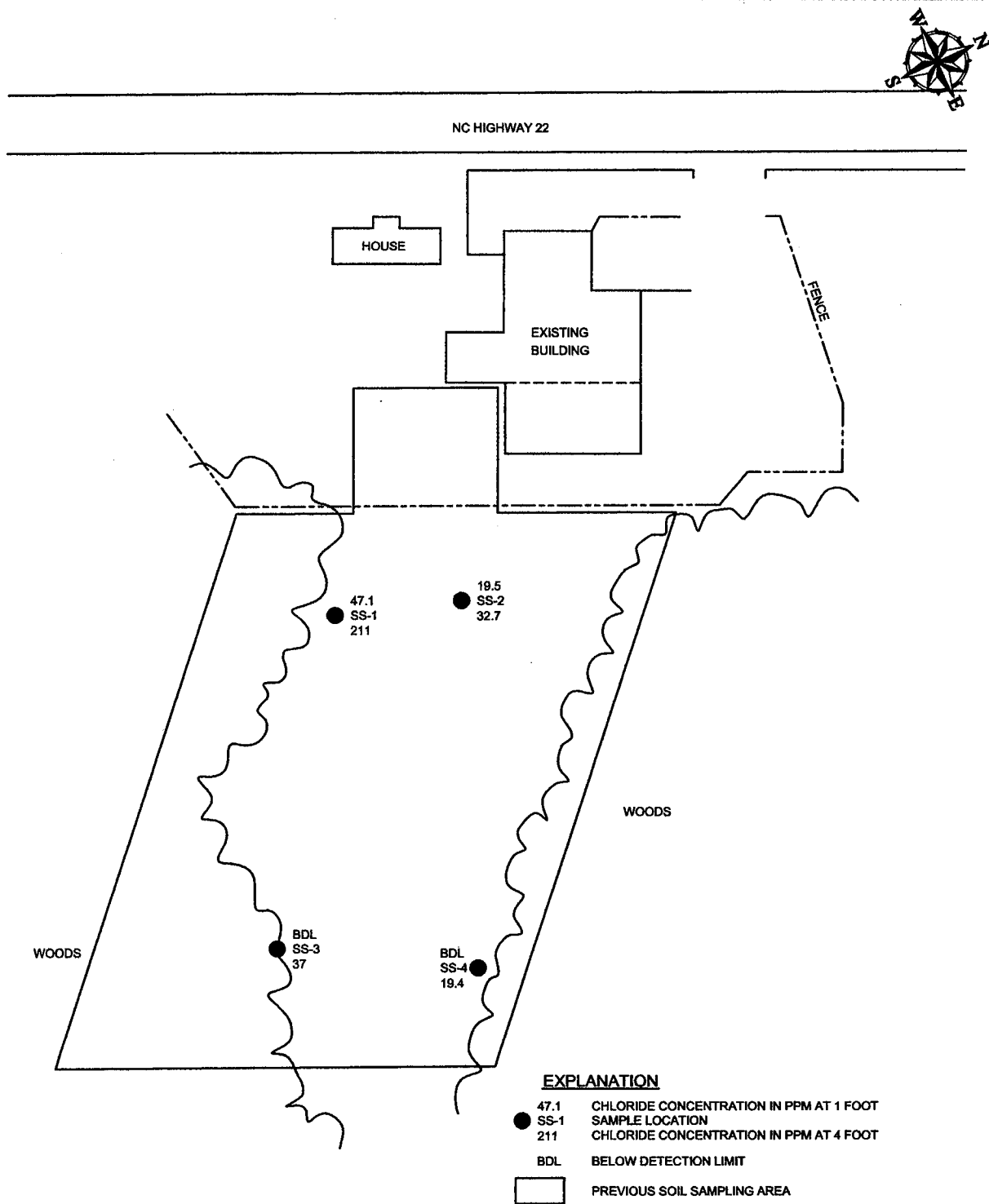


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**HANCOCK COUNTRY HAMS
FRANKLINVILLE, NORTH CAROLINA**

**SOIL CHLORIDE
CONCENTRATION - 1990**

DESIGNED BY: —	DRAWN BY: AGG	UPDATED BY: —	FIGURE NO: 5
APPROVED BY: JSE	PROJECT NO: 2719	DATE: 5/20/2009	



Source: Trigon Engineering, Inc., 2008



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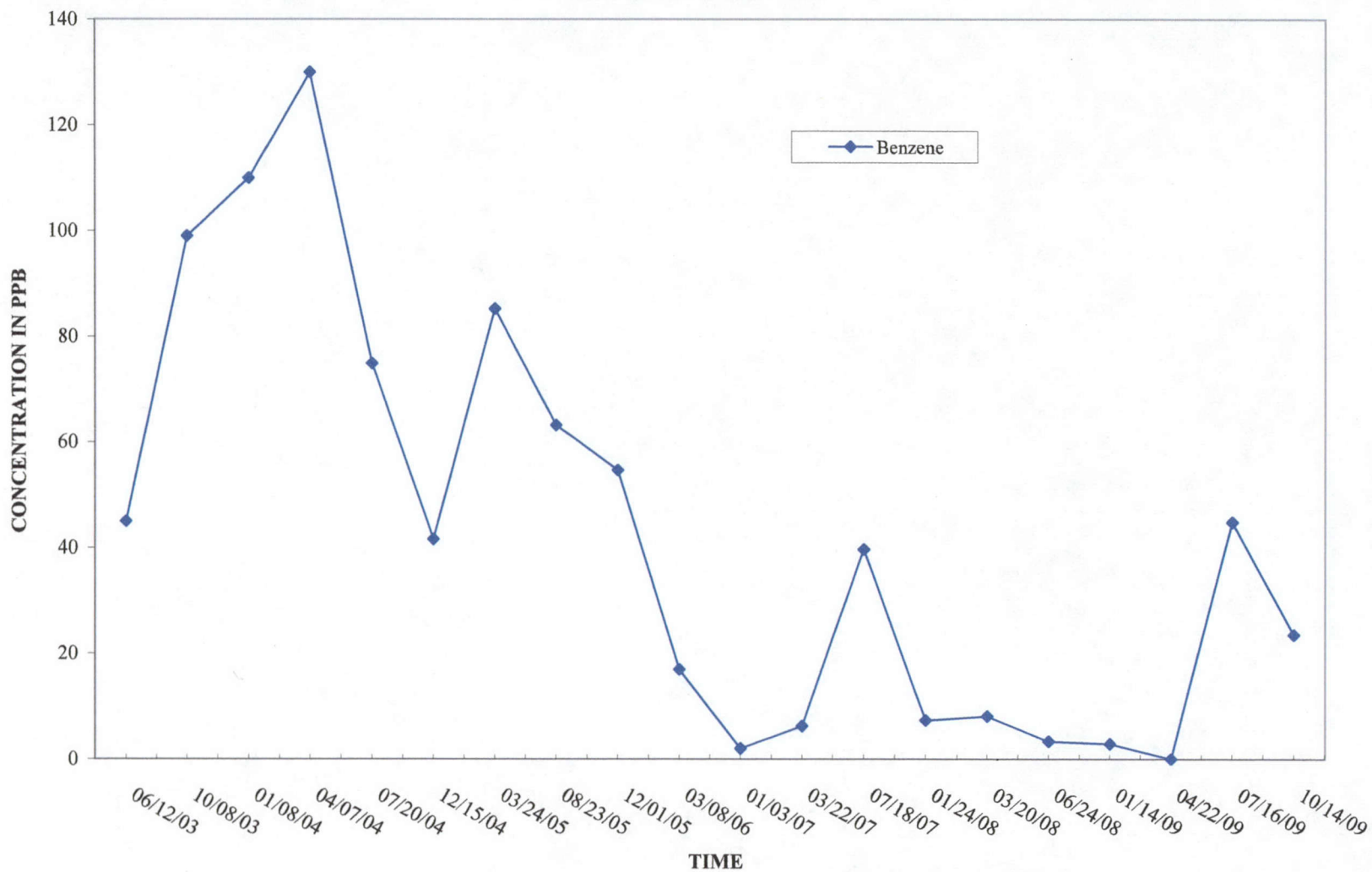
**HANCOCK COUNTRY HAMS
FRANKLINVILLE, NORTH CAROLINA**

**SOIL CHLORIDE
CONCENTRATION - 2009**

DESIGNED BY: —	DRAWN BY: AGG	UPDATED BY: —	FIGURE NO: 6
APPROVED BY: JSE	PROJECT NO: 2719	DATE: 5/20/2009	

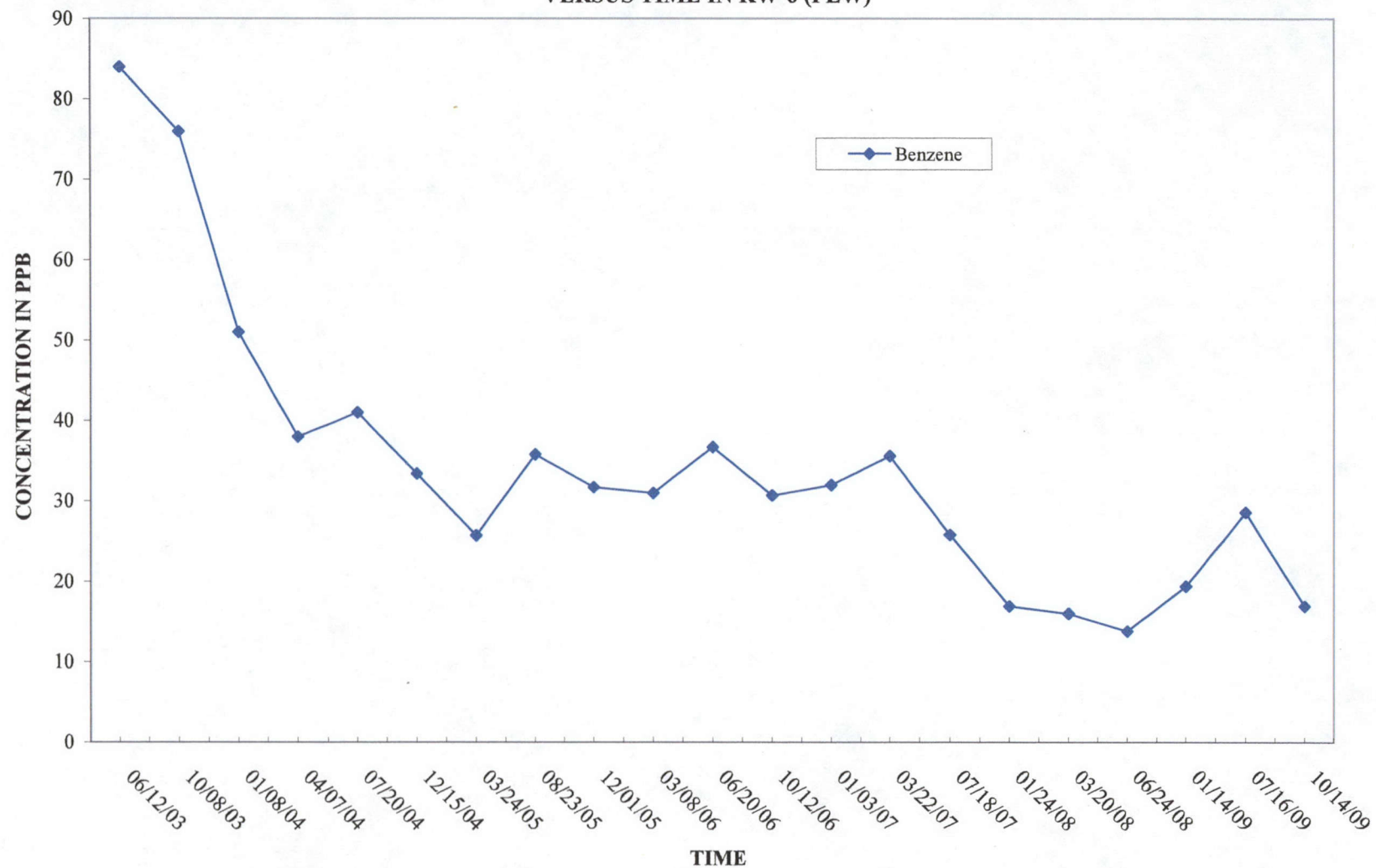
Ms. Ruth Debrito, Smithfield Foods, Inc,
Hancock Country Hams, Franklinville, North Carolina

FIGURE 7
CONCENTRATION OF BENZENE
VERSUS TIME IN RW-3



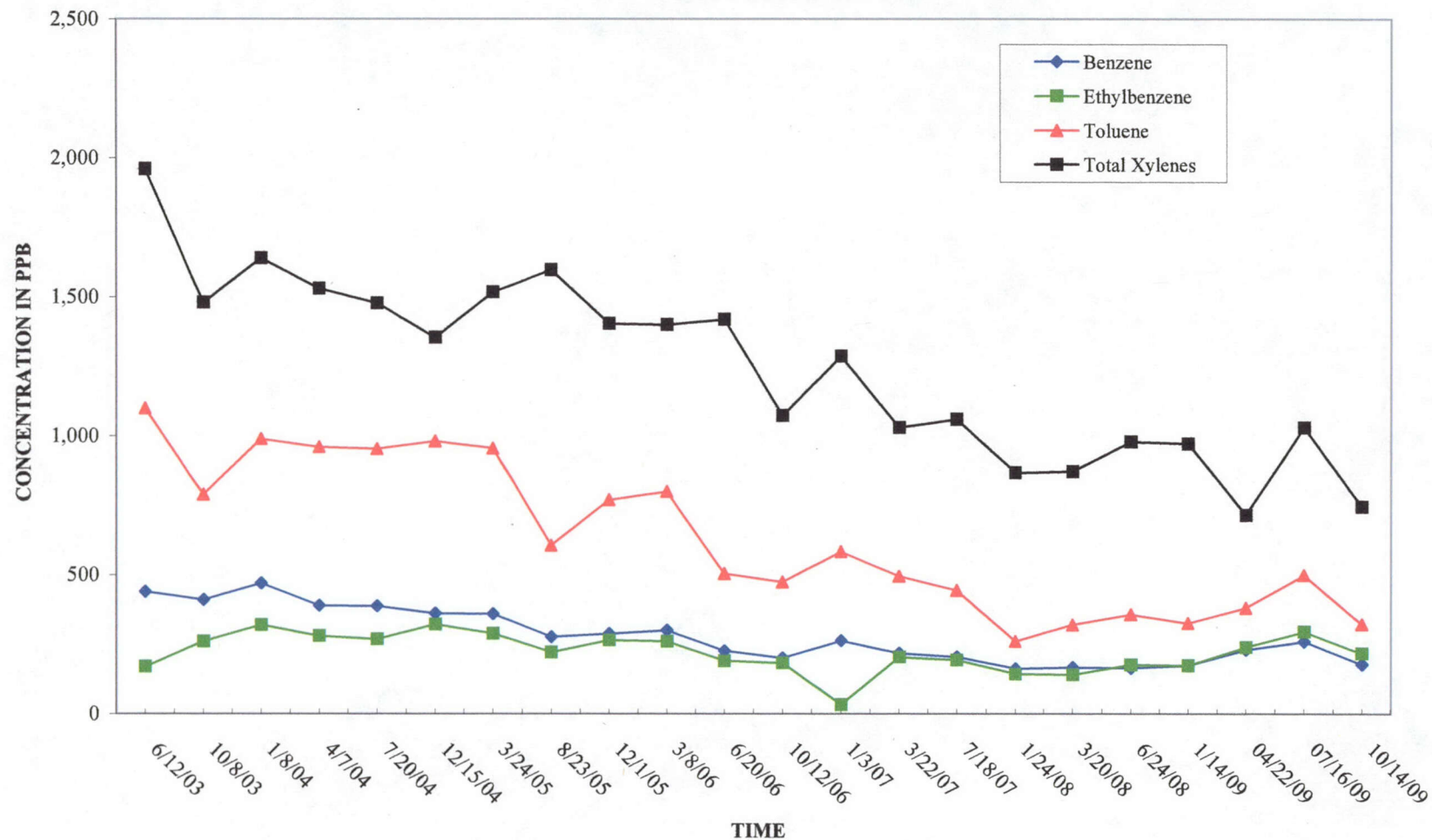
Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

FIGURE 8
CONCENTRATION OF BENZENE
VERSUS TIME IN RW-6 (PLW)



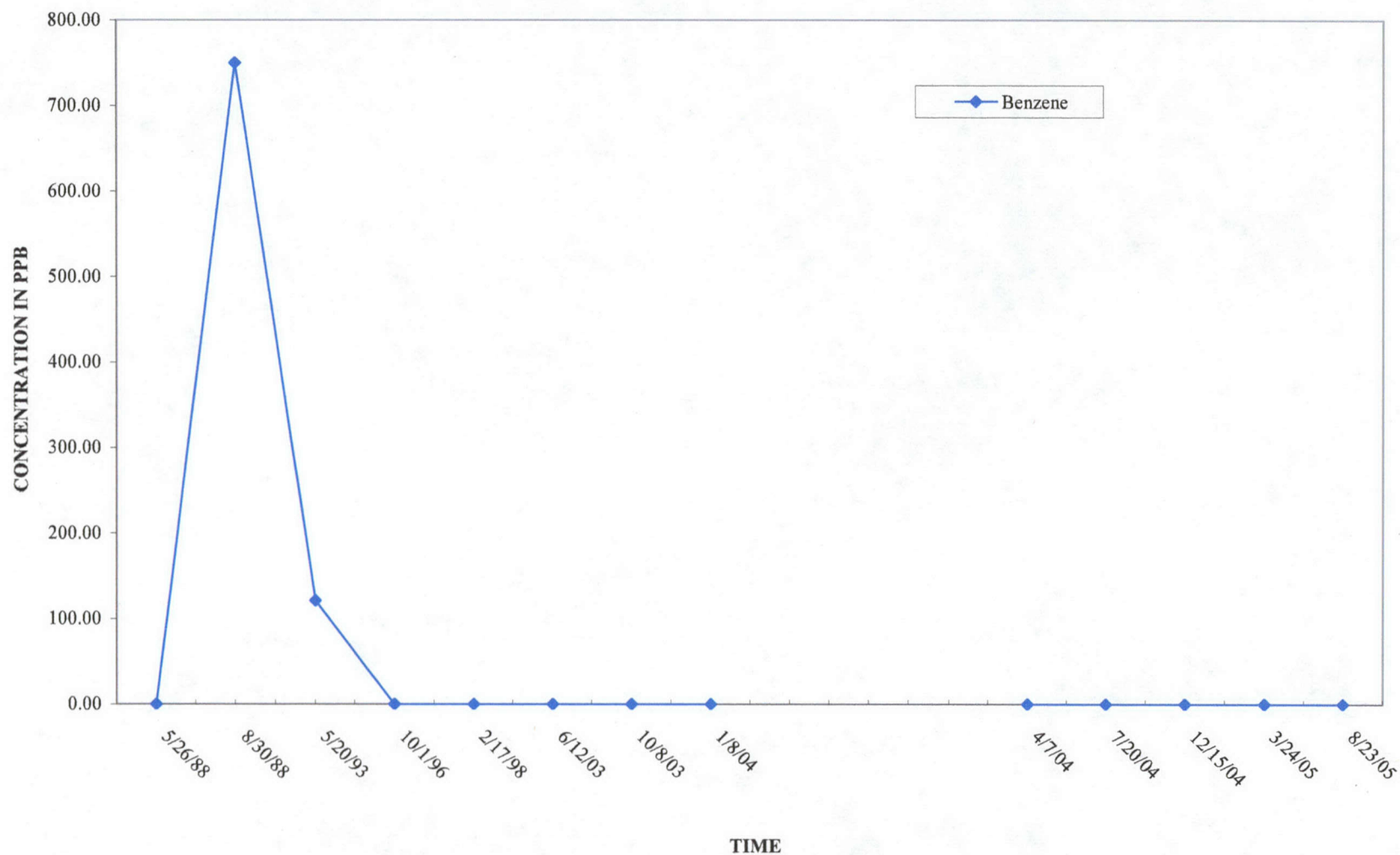
Ms. Ruth Debrito, Smithfield foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

FIGURE 9
CONCENTRATION OF BENZENE, ETHYLBENZENE,
TOLUENE, AND TOTAL XYLENES
VERSUS TIME IN RW-7



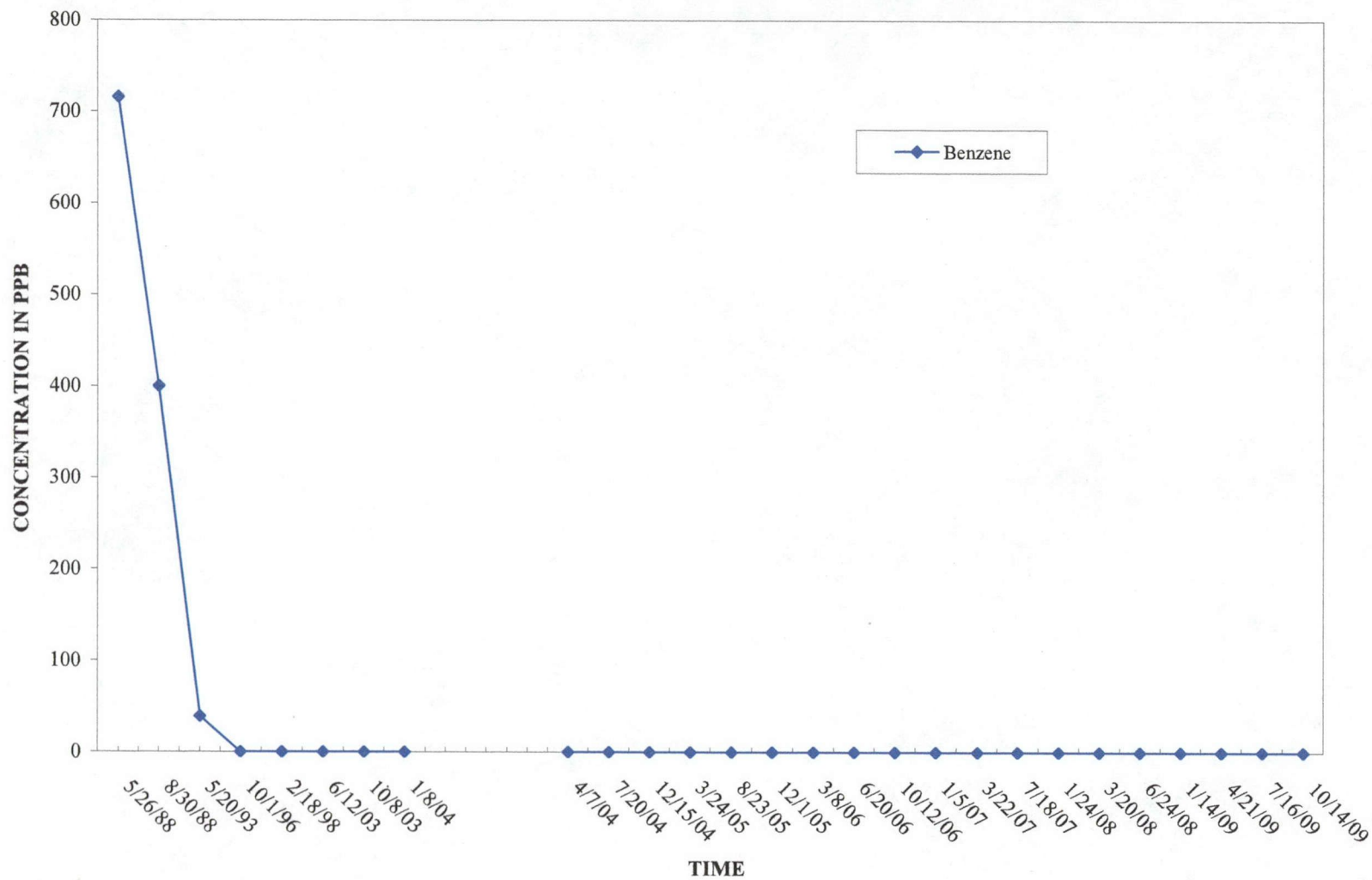
Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

FIGURE 10
CONCENTRATION OF BENZENE
VERSUS TIME IN THE SOUTH WELL (SW)



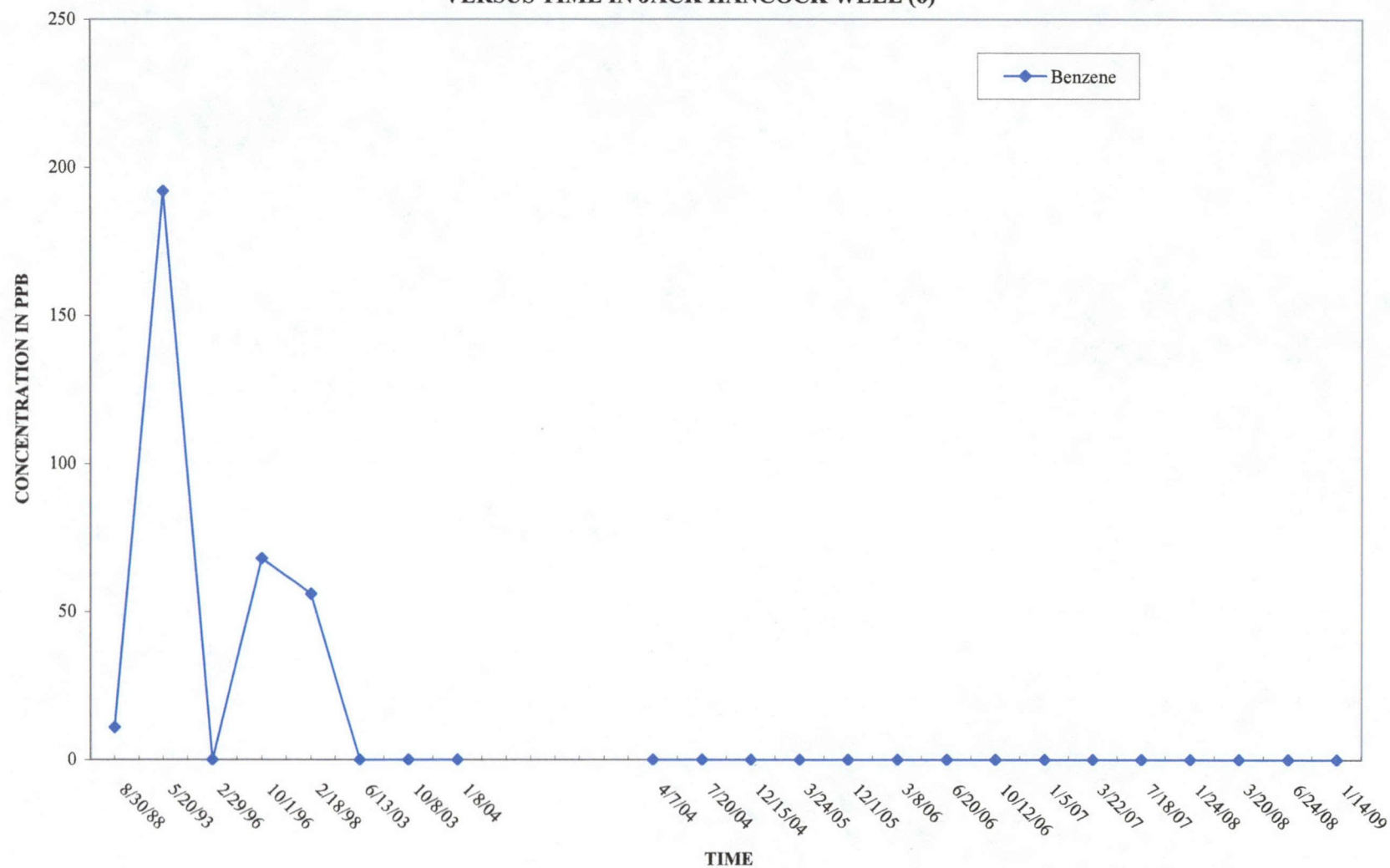
Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

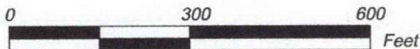
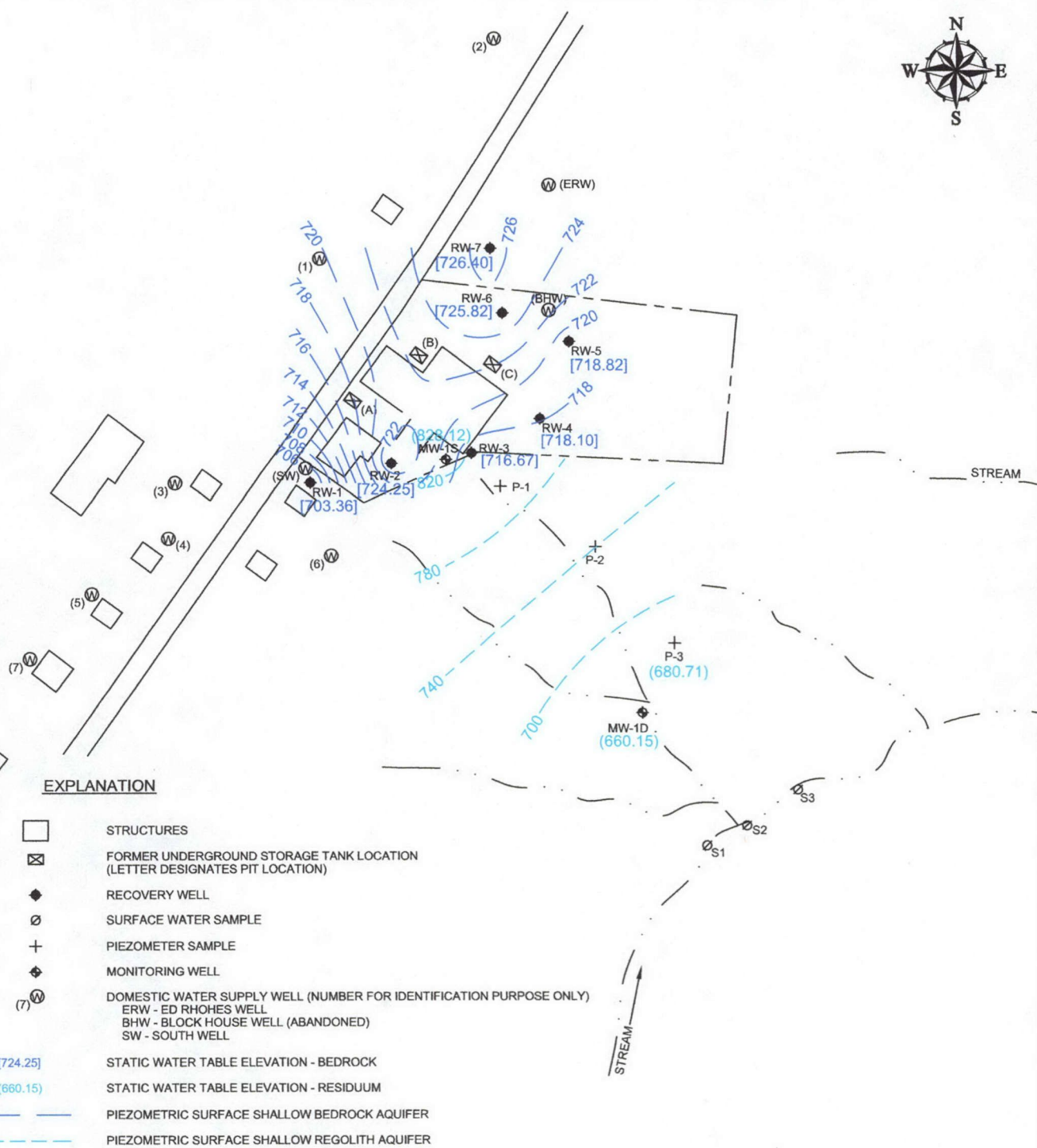
FIGURE 11
CONCENTRATION OF BENZENE
VERSUS TIME IN THE ED RHODES WELL (ERW)



Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

FIGURE 12
CONCENTRATION OF BENZENE
VERSUS TIME IN JACK HANCOCK WELL (6)





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HANCOCK COUNTRY HAMS FRANKLINVILLE, NORTH CAROLINA			
GROUNDWATER FLOW MAP OCTOBER 14, 2009			
DESIGNED BY: JSE	DRAWN BY: LAV	UPDATED BY: —	FIGURE NO: 13
APPROVED BY: JSE	PROJECT NO: 2719	DATE: 11/18/2009	